

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. CYTOP003 Applicant: NISLOW et al. Filing Date June 22, 2001	Application No.: 09/888,063 Group 1631 2857
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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>AM</i>	1	5,355,215	10/11/1994	Schroeder et al.			
<i>AM</i>	2	6,146,830	11/14/2000	Friend et al.			
<i>AM</i>	3	6,222,093	04/24/2001	Marton et al.			

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Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
<i>AM</i>	4	WO 94/11841	05/26/1994	PCT			X	
<i>AM</i>	5	WO 00/70528 A2	23 NOV '00	WIPO			X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
<i>AM</i>	6	Cseke, I., "A Fast Segmentation Scheme for White Blood Cell Images" (1992) IEEE, pp. 530-533
<i>AM</i>	7	Serbouti, S., et al., "Image Segmentation and Classification Methods to Detect Leukemias", (1991) Annual Int'l Conf. of IEEE Eng. In Medicine & Biology Soc., Vol. 13, No. 1, pp. 0260-0261
Examiner	<i>Adam Marsden</i> Date Considered <i>1-9-04</i>	

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
AM	1	4,818,710	04/04/1989	Sutherland et al.			
	2	4,922,092	05/01/1990	Rushbrooke et al.			
	3	5,287,272	02/15/1994	Rutenberg et al.			
	4	5,526,258	06/11/1996	Bacus			
	5	5,733,721	03/31/1998	Hemstreet, III et al.			
	6	5,893,095	04/06/1999	Jain et al.			
	7	5,962,520	10/05/1999	Smith et al.			
	8	6,083,763	07/04/2000	Ramm et al.			
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Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
AM	11	WO 95/22749	08/24/1995	WIPO WIP			X	
AM	12	EP 0317139	04/11/1988	EP			X	

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AM	13	Uria JA, Stahle-Backdahl M, Seiki M, Fueyo A, Lopez-Otin C, "Regulation of Collagenase-3 Expression in Human Breast Carcinomas in Mediated by Stromal-Epithelial Cell Interactions", Cancer Res 1997 Nov 1;57 (21):4882-8, Abstract
AM	14	"An Integrated Method to Determine Epithelial Transport and Bioactivity of Oral Drug Candidates <i>in Vitro</i> ," <u>Pharmaceutical Research</u> , Vol. 13, No. 1, Pages 23-27, 1996
Examiner <i>Adrian Mandler</i> Date Considered <i>1-9-04</i>		

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
AM	A	5,326,691	07/05/94	Hozier			

Foreign Patent or Published Foreign Patent Application

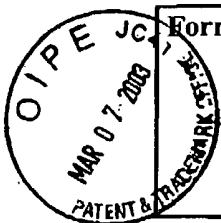
Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
AM	B	WO 93/21511	28.10.93	PCT				
AM	C	WO 96/09605	28.03.96	PCT				
AM	D	WO 99/05323	04.02.99	PCT				

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AM	E	Adams et al., "Cell patterning on glass and polymeric substrates" US Patent Application No. 60/138,119, filed June 7, 1999
	F	Kapur et al., "Design and Fabrication of Spatically Controlled Miniaturized Organ Systems from Stem Cells", US Patent Application No. 60/127,339, filed April 1, 1999
✓	G	Hofland et al., "Role of Tumor - Derived Fibroblasts in the Growth of Primary Cultures of Human Breast-Cancel Cells: Effects of Epidermal Growth Factor and the Somatostatin Analogue Octreotide", 1995, Int. J. Cancer: 60, 93-99.
✓	H	Stearns et al., "Interleukin 10 (IL-10) inhibition of primary human prostate cell-induced angiogenesis: IL-10 stimulation of tissue inhibitor of metalloproteinase-1 and inhibition of matrix metalloproteinase (MMP) 2/MMP-9 Secretion", January 1999, Clinical Cancer Research, vol. 5 189-196.
✓	I	Takayama et al., "Patterning cells and their environments using multiple laminar fluid flows in capillary networks", May 1999, Proc. Natl. Acad. Sci. USA, vol. 96, pp. 5545-5548.
Examiner <i>Andin Marshall</i>		Date Considered <i>1-9-04</i>

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
AM	A	5,235,522	8/10/1993	Bacus	364	497	10/10/90

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							Yes	No
AM	B	WO 98/45704	10/15/98	PCT	G01N	33/53	N/A	

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AM ↓ V	C	Brachat et al., "Analysis of deletion phenotypes and GFP fusions of 21 novel <i>Saccharomyces cerevisiae</i> open reading frames", Yeast 2000, 16: 241-253, 21 December 1998, Doc Number XP-002226049.
	D	Roncero et al., "Isolation and Characterization of <i>Saccharomyces cerevisiae</i> Mutants Resistant to Calcofluor White", Journal of Bacteriology, April 1988, pp 1950-1954.
	E	Ross-Macdonald et al., "Large-scale Analysis of the yeast genome by transportation tagging and gene distribution", Nature, Vol. 402, 25 November 1999, pp 413-419.
	F	Winzeler et al., "Functional Characteristics of the <i>S. cerevisiae</i> Genome by Gene Deletion and Parallel Analysis", Science, Vol. 285, 6 August 1999, 901-906.
Examiner <i>Andin Mangelor</i>		Date Considered <i>1-9-04</i>

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NISLOW, Corey E. et al.		
Filing Date	Group	
June 22, 2001	1631	

U.S. Patent Documents

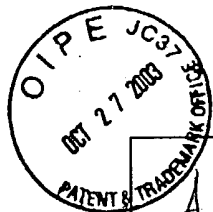
Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
AM	A	6,620,591	Sept 2003	Dunlay et al.			
	B						

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Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	C							
	D							

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AM	E	Cormack, Brendan P. et al., "FACS-optimized mutants of the green fluorescent protein (GFP)", 1996, <i>Gene</i> , Vol. 173, pp. 33-38.
	F	Craig, Elizabeth and Gross, Carol A., "Is hsp70 the cellular thermometer?", April 1991, <i>TIBS</i> 16, pp. 135-140.
	G	Cubitt, Andrew B et al., "Understanding, improving and using green fluorescent proteins", © 1995, <i>Elsevier Science Ltd.</i> , <i>TIBS</i> 20, pp. 448-455.
	H	Dobson, Stephen P et al., "Dynamics of insulin-stimulated translocation of GLUT4 in single living cells visualized using green fluorescent protein", 1996, <i>FEBS Letters</i> 393, pp. 179-184.
	I	Georget, V. et al., "Trafficking of the androgen receptor in living cells with fused green fluorescent protein-androgen receptor", 1997, <i>Molecular and Cellular Endocrinology</i> , Vol. 129, pp. 17-26.
	J	Lippincott-Schwartz, Jennifer and Smith, Carolyn L., "Insights into secretory and endocytic membrane traffic using green fluorescent protein chimeras", 1997, <i>Current Opinion in Neurobiology</i> , Vol. 7, pp. 631-639.
	K	Misteli, Tom and Spector, David L., "Applications of the green fluorescent protein in cell biology and biotechnology", October 1997, <i>Nature Biotechnology</i> , Vol. 15, pp. 961-964.
	L	Palm, Gottfried J. et al., "The structural basis for spectral variations in green fluorescent protein", May 1997, <i>Nature Structural Biology</i> , Vol. 4, No. 5, pp. 361-365.



AM	M	Sakai, Kenji et al., "Purification and characterization of N-acyl-D-glutamate deacylase from <i>Alcaligenes xylosoxydans</i> subsp. <i>xylosoxydans</i> A-6", September 1991, <i>Federation of the European Biochemical Societies</i> , Vol. 289, No. 1, pp. 44-46.
	N	Shulga, Nataliya et al., "In Vivo Nuclear Transport Kinetics in <i>Saccharomyces cerevisiae</i> : A Role for Heat Shock Protein 70 during Targeting and Translocation", October 1996, <i>The Journal of Cell Biology</i> , Vol. 135, No. 2, pp. 329-339.
	O	Tarasova, Nadya I. et al., "Visualization of G Protein-coupled Receptor Trafficking with the Aid of the Green Fluorescent Protein", 1997, <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 23, Issue of June 6, pp. 14817-14824.
V	P	Welsh, Stephen and Kay, Steve A., "Reporter gene expression for monitoring gene transfer", 1997, <i>Current Opinion in Biotechnology</i> , Vol. 8, pp. 617-622.
	Q	
Examiner <i>Adam M. M...</i>		Date Considered <i>1-9-04</i>

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